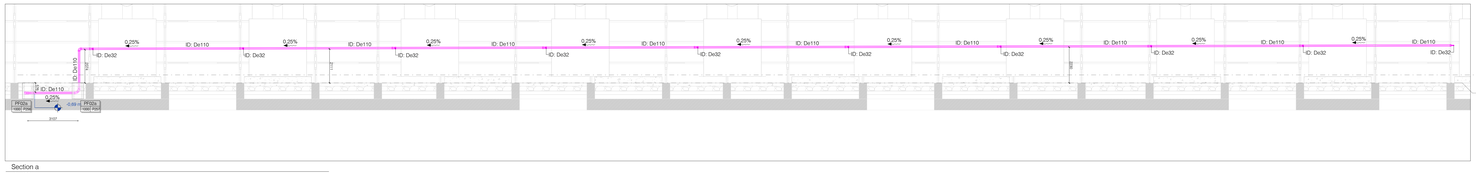

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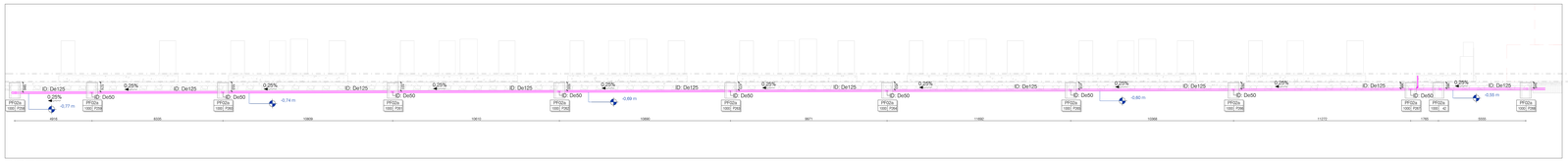

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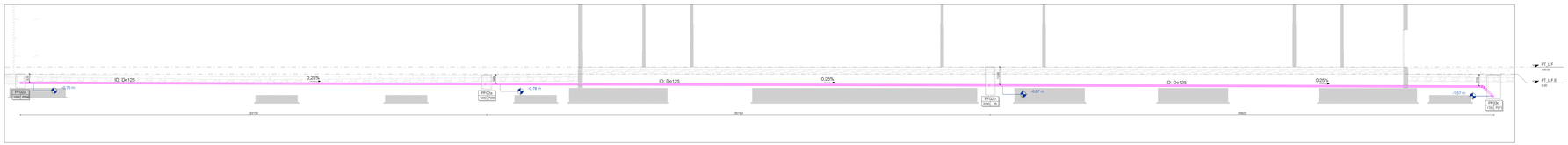

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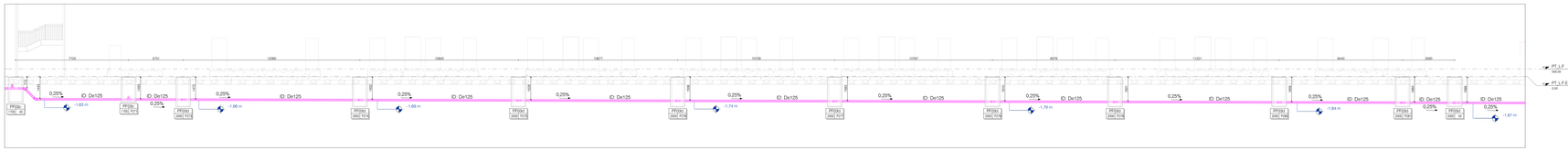

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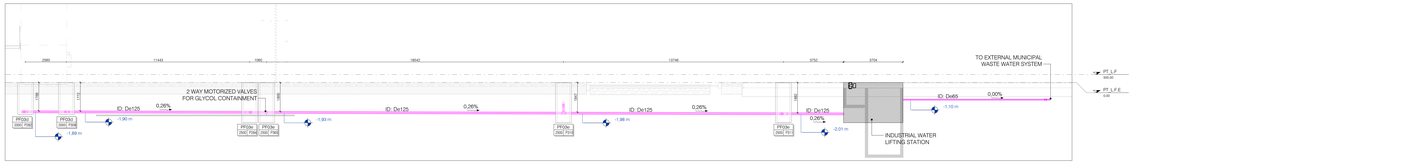

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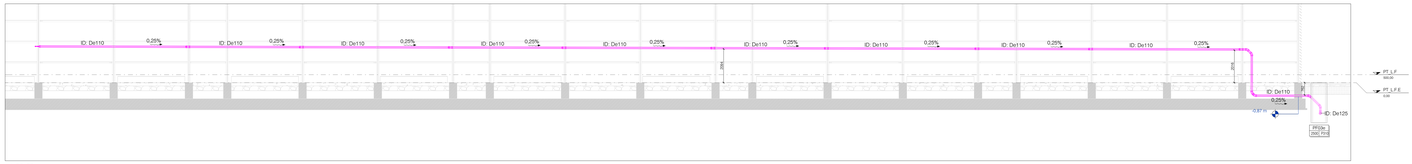

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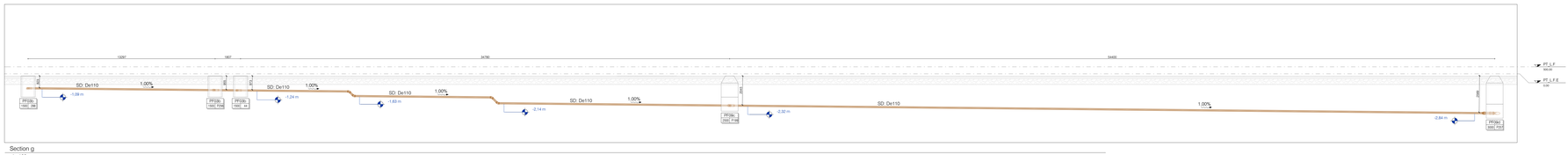

Section g

1 : 100

DR - Legenda Tubazioni

DR - Pipe Systems Legend

SD	Scarico Acque Nere *Soil Water*	
ID	Scarico Acque Industriali *Industrial Water*	
ROP 2.30 m	Quota Fondo Tubo - BOP *Bottom of Pipes' pulse - BOP*	

Manhole - Tag

5100 Schedule Plumbing Fixtures

Type Mark	Length	Width	Diameter
PF01a	500.00	500.00	
PF01b	500.00	500.00	
PF01c	500.00	500.00	
PF02a	700.00	700.00	
PF02b	700.00	700.00	
PF03a	1000.00	1000.00	
PF03b	1000.00	1000.00	
PF03c	1000.00	1000.00	
PF03d	1000.00	1000.00	
PF04a	1000.00	1000.00	
PF04b	1500.00	1500.00	
PF04c	1500.00	1500.00	
PF05a	1800.00	1800.00	
PF05b	800.00	800.00	
PF07a	1800.00	1000.00	
PF08a			1000.00
PF08b			1000.00
PF08c			1000.00
PF08d			1200.00
PF08e			1200.00
PF08f			1200.00
PF08g			1200.00
PF08h			1200.00
PSW01a	500.00	500.00	
PSW01b	500.00	500.00	
PSW01c	500.00	500.00	

NOTES PLUMBING AND DRAINAGE SYSTEMS:

- Supply piping for the water and sanitary utilities within the toilets will be made of multilayer from manifolds;
- In case of supply not derived from manifold, place recessed shut-off taps with cap for each water utility;
- Provide vents at high points and drains connected to prepared manholes or conduits) at low points, in locations agreed with the DL;
- The sanitary water collection networks must be separate and distinct from those in which they flow by the interposition of permanently wet or dry inspectable odor trap;
- Condensate water collection networks must be separate and distinct from those into which they flow by the interposition of permanently wet or dry inspectable siphon;
- Groywater collection networks must be separate and distinct from those into which they flow by the interposition of an inspectable siphon;
- The rainwater collection networks must be separate and distinct from those into which they flow by the interposition of a siphon;
- All discharges collected below the level of discharge to the public sewer shall be conveyed to collection and lifting tanks equipped with electric pumps.
- Testing operations should be carried out while keeping the drainage network continuously visible.
- All discharges, both main and secondary, except where otherwise indicated, shall have the following minimum slopes:
  - service drains to sewer risers: i=2%;
  - drains to sewer risers: i=2%;
  - stormwater / condensate manifolds: i=0.5%.

GENERAL NOTES:

Drawing valid only for mechanical installations under contract.

- All measurements and locations of materials and equipment are to be verified on site by the contractor, who shall promptly report any interference with existing.
- Any undetected equipment shall be maintained; if necessary, it shall be modified and restored by the contractor.
- The exact location of the equipment and the lengths of the connection pipes shall be determined by the contractor and submitted to the construction manager.
- Final sizing according to the manufacturer of the equipment and materials actually installed.
- All equipment must be easily maintainable and accessible via trapdoors or similar solutions even where not specifically specified.
- The entire plumbing system must be designed and executed in accordance with the regulations in force with all regulatory requirements for earthquake-proofing.
- Construction detail drawings necessary for the proper execution of the work shall be arranged by the contractor.
- The installation of elements in the field must comply with all manufacturers' prescriptions and recommendations, good engineering rules on acoustics and fire prevention.
- Any modifications to the plumbing system must be evaluated on the basis of the available documentation, should be re-evaluated and deepened during the works, after plant verification following appropriate surveys of the existing situation.
- The contractor must carefully check the design and report any inaccuracies, incompletenesses or discrepancies with any standard or law.
- The contractor must provide the DL with the "as built" drawings of the plumbing system, indicating the exact location of the piping and not with hammered dimensions or attachments. The Contractor shall be responsible for making construction drawings showing the type of dimensions and connections between ducts and ducts with the indoor units provided.

OTHER NOTES:

The submission has been prepared to provide an overview of the plumbing systems, fully understanding that the RIBA4 (for project has not yet been finalized. As such, minor adjustments to the external networks may be required, particularly regarding their integration and coordination.

It is the responsibility of the General Contractor, during the RIBA4 (for project phase, to ensure that all systems are coordinated and consistent with the final RIBA4 project for the entire site. This includes alignment with the "CSA Soil&Industrial Water Drainage System" and other projects. Any necessary adjustments will be conducted in full compliance with the requirements and project needs defined in the RIBA4 design.

NOTE GENERALI:

1. Tutte le tubazioni che provano il salto sotto per il progetto di Cleantech
2. Per la corretta misurazione dei dispositivi interessati la effluxo (progetto di Lab gli elaborati di progetto e guida)
3. Le tubazioni di scarico indicate nelle tavole grafiche del disegno di dettaglio esecutivo, a cura di autorizzazione da parte del progettista, che mirano nuovo in progettista modalità del progetto.
4. Le tubazioni di scarico devono essere realizzate con materiale antirogazio, resistente alla temperatura, alla corrosione e alla pressione, secondo le norme vigenti.
5. Il progetto prevede sulla modifiche a seguito dell'impianto esistente della L'Oreal, per la quale è stata realizzata una nuova rete di scarico acque nere e acque meteoriche. Tutte le tubazioni di scarico devono essere realizzate in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
6. Il progetto prevede la realizzazione di nuovi impianti di scarico acque nere e acque meteoriche. Tutte le tubazioni di scarico devono essere realizzate in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
7. Tutte le linee di scarico saranno dotate di sifone ispezionabile. Le linee di scarico dovranno essere dotate di pezzi speciali per la pulizia, ispezionabili e accessibili.
8. Tutte le linee di scarico dovranno essere dotate di sifone ispezionabile. Le linee di scarico dovranno essere dotate di pezzi speciali per la pulizia, ispezionabili e accessibili.
9. Le tubazioni di scarico devono essere realizzate in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
10. Si rimane inoltre che presente applato la tenuta a tale apparecchiature e dispositivi, e deve essere realizzata in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
11. Le tubazioni devono essere realizzate in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
12. Si rimane inoltre che presente applato la tenuta a tale apparecchiature e dispositivi, e deve essere realizzata in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.
13. Le tubazioni devono essere realizzate in modo da non permettere fenomeni di sifonamento, di rigurgito o perdita d'acqua. Le giunzioni devono essere a tenuta idraulica e devono resistere alla pressione di prova prevista dalle norme tecniche vigenti.

(EDITING NOTES)

- *Are the notes in relation to valid only for the Subject project*
- *Are the correct measurements of the drawings, in the drawings in reset and project and print and legible format?*
- *Are the graphic symbols used or modification of the design and drawings as strictly professional and understood by the designers, and shown in the legend and the same shape of the drawings?*
- *The project has been developed following a multi-layer integrated strategies that will be implemented in the various phases of the project, and the choices made in the various disciplines and the integration of the various systems and subsystems, and the choices made in the various disciplines and the integration of the various systems and subsystems, and the choices made in the various disciplines and the integration of the various systems and subsystems